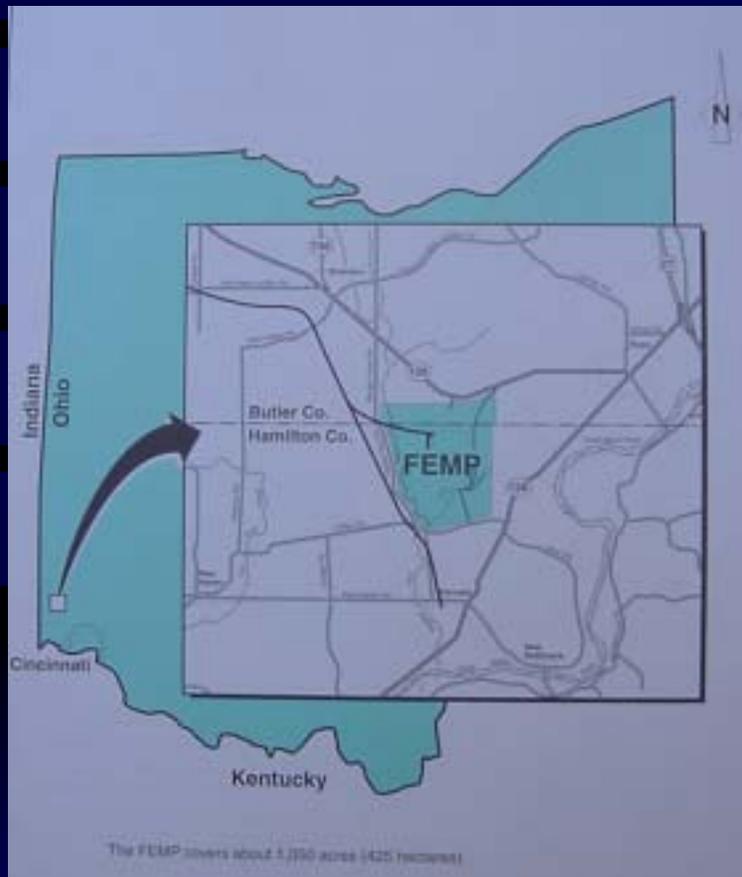


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Groundwater Remedial Actions

Richard J. Abitz
Project Geochemist
Fluor Fernald, Inc.
513 648-4629
rich.abitz@fernald.gov

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Fernald site produced U
metal for 40 years

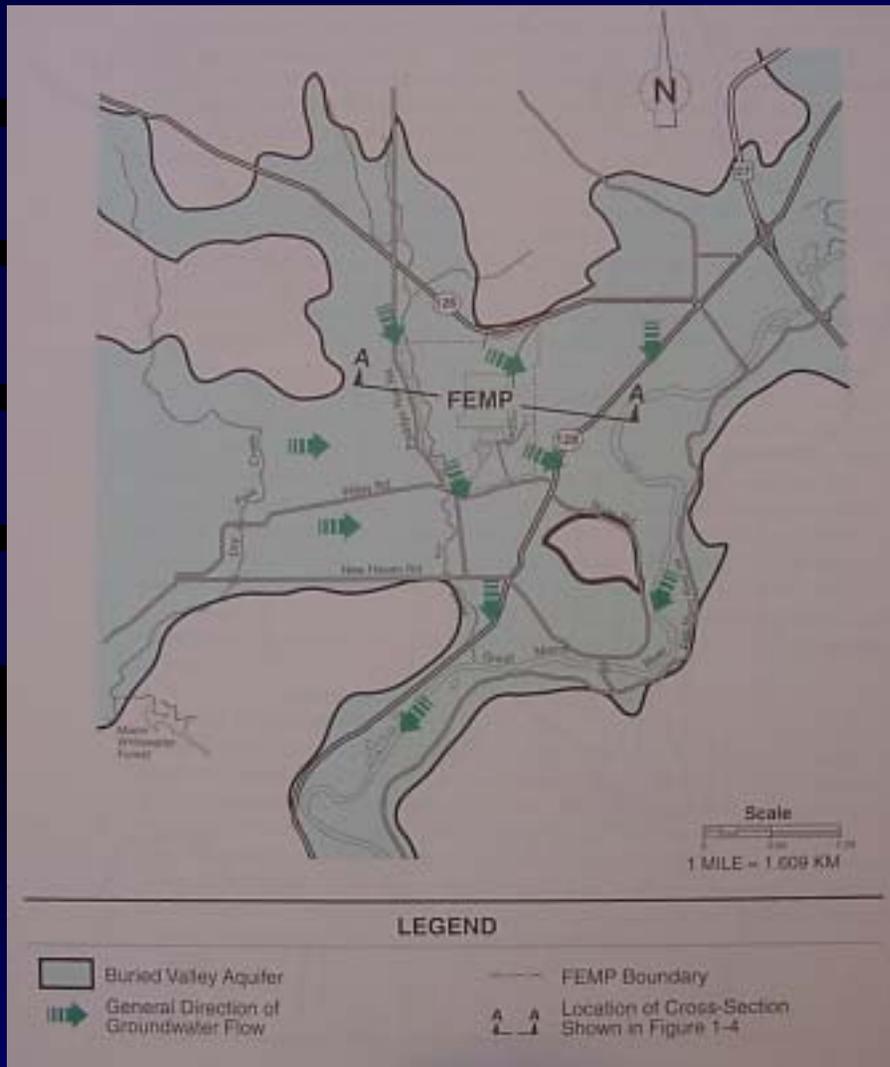
U is the primary contaminant
in soil and groundwater

CERCLA site being restored
to recreational land use

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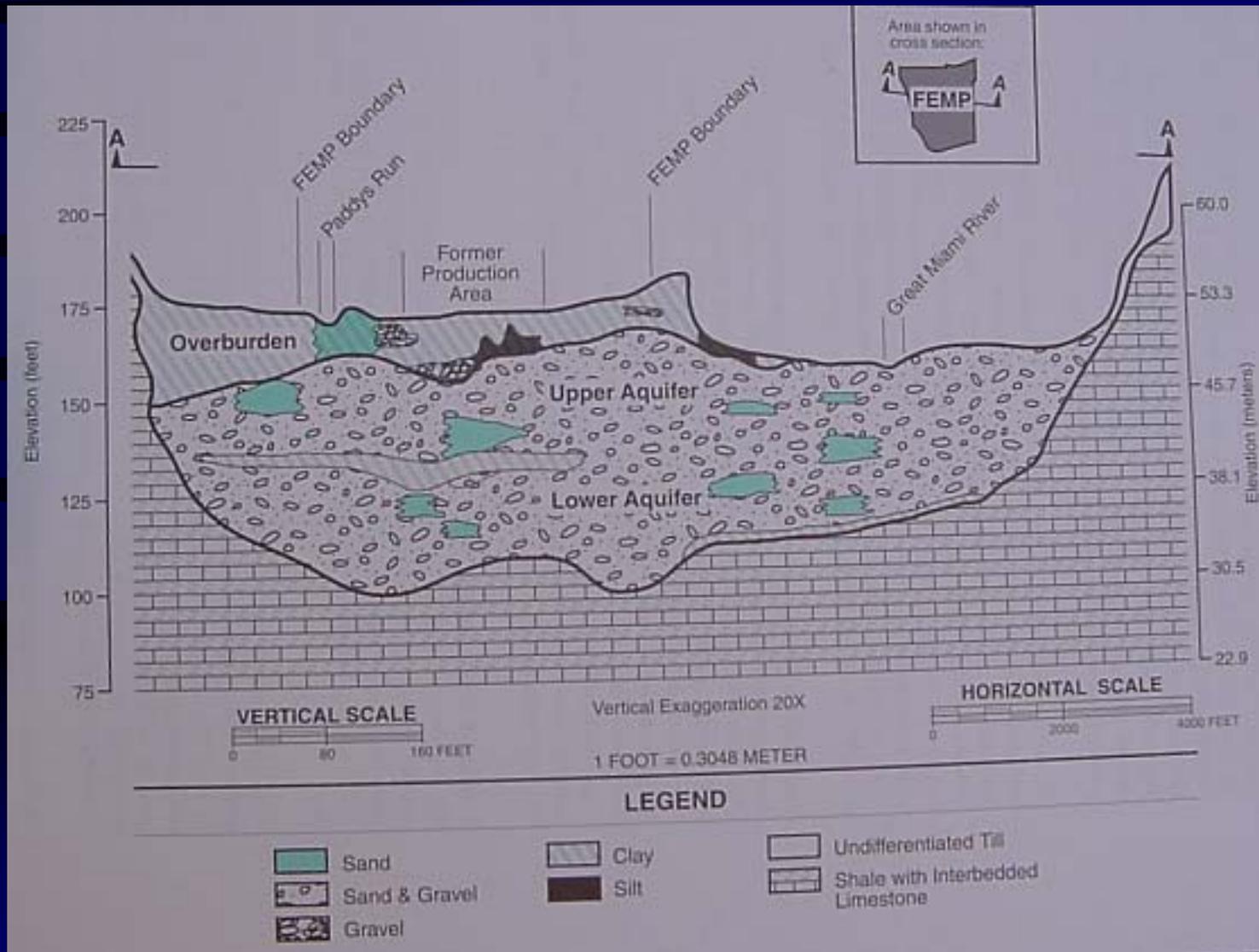
Paleochannels form the
Great Miami Aquifer

U exceeds 30 ug/L in parts of
the aquifer below the site

Remedial activities include
pump, treat and injection

Since 1993:
extracted 9.4 billion gallons
injected 974 million gallons
removed 3,200 lbs of U

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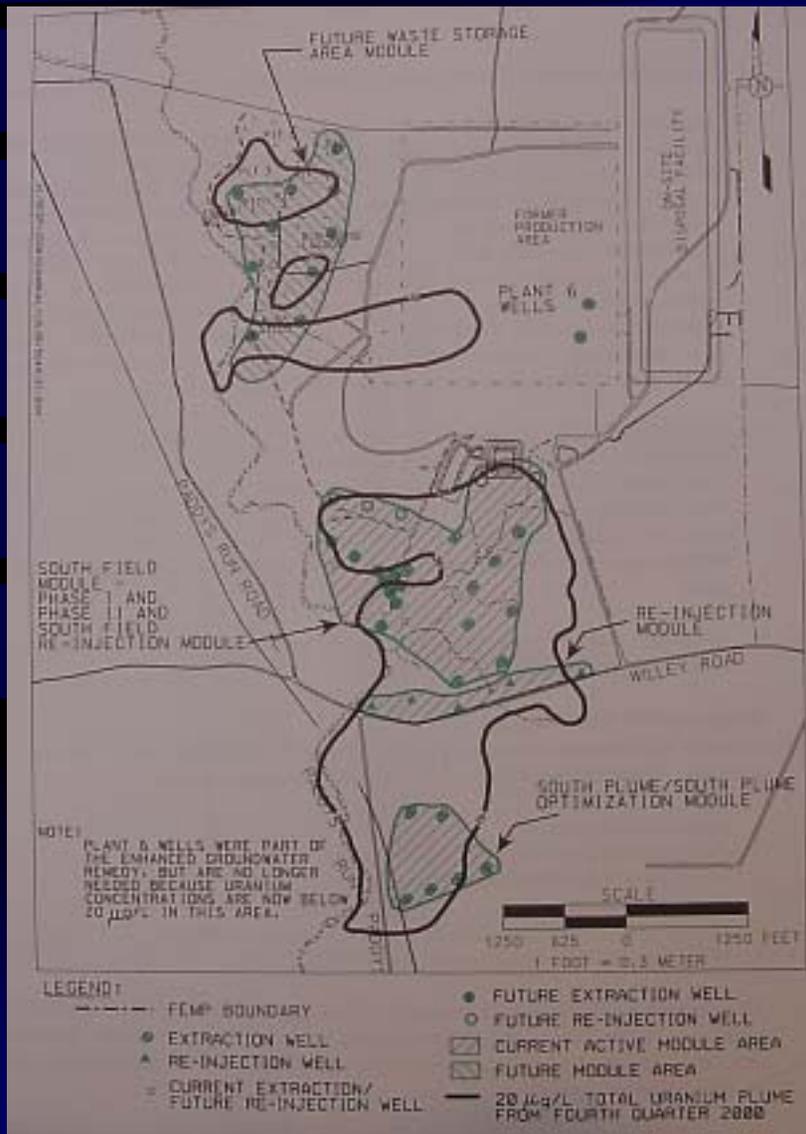
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Current activities:

17 wells pumping
100 - 500 gpm
4 wells injecting
150 - 200 gpm
system totals
pump 3,355 gpm
inject 750 gpm
discharge 2,605 gpm

U levels in the aquifer:
less than 200 µg/L

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ACTIVITY	FY02				FY03				FY04				FY05				FY06			
	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th
Provide modeling support	■				■				■				■							
Prepare sampling & analysis plan		■				■				■				■						
Install monitoring wells			■				■				■				■					
Design extraction & injection wells	■	■				■	■			■	■			■	■					
Install extraction & injection wells			■	■					■				■				■			

Sediment samples can be obtained during well installation activities

Groundwater samples can be obtained during quarterly monitoring activities